١٤٢ ١ O/PE

Serial Number: 09/904,485A

ENTERED

CRF Processing Date: 2/21/2002
Edited by: _____
Verified by: _____ (STIC staff)

RECEIVED

MAR 0 4 2002

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: _____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

ENTER 1600 2900

#6

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

☑ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING   DATE: 02/21/2002
PATENT APPLICATION: US/09/904,485A   TIME: 08:21:19

Input Set : N:\Crf3\02112002\I904485A.raw
Output Set: N:\CRF3\02212002\I904485A.raw

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 2         Ashkenazi, Avi
 3         Botstein, David
 4         Desnoyers, Luc
 5         Eaton, Dan L.
 6         Ferrara, Napoleone
 7         Filvaroff, Ellen
 8         Fong, Sherman
 9         Gao, Wei-Qiang
10         Gerber, Hanspeter
11         Gerritsen, Mary E.
12         Goddard, A.
13         Godowski, Paul J.
14         Grimaldi, Christopher J.
15         Gurney, Austin L.
16         Hillan, Kenneth, J.
17         Kljavin, Ivar J.
18         Mather, Jennie P.
19         Pan, James
20         Paoni, Nicholas F.
21         Roy, Margaret Ann
22         Stewart, Timothy A.
23         Tumas, Daniel
24         Williams, P. Mickey
25         Wood, William, I.
26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
27         Acids Encoding the Same
28 <130> FILE REFERENCE: 10466-14
29 <140> CURRENT APPLICATION NUMBER: US/09/904,485A
30 <141> CURRENT FILING DATE: 2001-07-13
31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
32 <151> PRIOR FILING DATE: 2000-02-22
33 <150> PRIOR APPLICATION NUMBER: US 60/143,048
34 <151> PRIOR FILING DATE: 1999-07-07
35 <150> PRIOR APPLICATION NUMBER: US 60/145,698
36 <151> PRIOR FILING DATE: 1999-07-26
37 <150> PRIOR APPLICATION NUMBER: US 60/146,222
38 <151> PRIOR FILING DATE: 1999-07-28
39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
40 <151> PRIOR FILING DATE: 1999-09-08
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79      gaggcgcagg aggagcacct ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480
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81      cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
82      agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg gtaccaggggc 660
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112                   20                  25                  30
113        Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114                   35                  40                  45
115        Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116             50                  55                  60
117        Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118         65                  70                  75                  80
119        Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120                       85                  90                  95
121        Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122                  100                 105                 110
123        Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
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125        Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126             130                 135                 140
127        Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128        145                 150                 155                 160
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130                      165                 170                 175
131        Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132                  180                 185                 190
133        His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134                  195                 200                 205
135        Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136             210                 215                 220
137        Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138        225                 230                 235                 240
139        Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140                      245                 250                 255
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142                  260                 265                 270
143        Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys
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148    305                310                315                320
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RAW SEQUENCE LISTING   DATE: 02/21/2002
PATENT APPLICATION: US/09/904,485A   TIME: 08:21:19

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Output Set: **N:\CRF3\02212002\I904485A.raw**

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206                  20                  25                  30
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208                  35                  40                  45
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210              50                  55                  60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
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214                  85                  90                  95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
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218                  115                 120                 125
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220              130                 135                 140
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226                  180                 185                 190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228                  195                 200                 205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230              210                 215                 220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232      225                 230                 235                 240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234                  245                 250                 255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236                  260                 265                 270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238                  275                 280                 285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240              290                 295                 300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242      305                 310                 315                 320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His
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VERIFICATION SUMMARY   DATE: 02/21/2002
PATENT APPLICATION: **US/09/904,485A**   TIME: 08:21:20

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Output Set: **N:\CRF3\02212002\I904485A.raw**

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L:405  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:406  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:614  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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RAW SEQUENCE LISTING   DATE: 02/11/2002
PATENT APPLICATION: US/09/904,485A   TIME: 13:00:47

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Output Set: N:\CRF3\02112002\I904485A.raw

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 3 <110> APPLICANT: Genentech, Inc.
 4         Ashkenazi, Avi
 5         Botstein, David
 6         Desnoyers, Luc
 7         Eaton, Dan L.
 8         Ferrara, Napoleone
 9         Filvaroff, Ellen
10         Fong, Sherman
11         Gao, Wei-Qiang
12         Gerber, Hanspeter
13         Gerritsen, Mary E.
14         Goddard, A.
15         Godowski, Paul J.
16         Grimaldi, Christopher J.
17         Gurney, Austin L.
18         Hillan, Kenneth, J.
19         Kljavin, Ivar J.
20         Mather, Jennie P.
21         Pan, James
22         Paoni, Nicholas F.
23         Roy, Margaret Ann
24         Stewart, Timothy A.
25         Tumas, Daniel
26         Williams, P. Mickey
27         Wood, William, I.
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
30         Acids Encoding the Same
32 <130> FILE REFERENCE: 10466-14
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C--> 34 **<140> CURRENT APPLICATION NUMBER: US/09/904,485A**
C--> 35 **<141> CURRENT FILING DATE: 2001-07-13**

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37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
38 <151> PRIOR FILING DATE: 2000-02-22
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048
41 <151> PRIOR FILING DATE: 1999-07-07
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698
44 <151> PRIOR FILING DATE: 1999-07-26
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222
47 <151> PRIOR FILING DATE: 1999-07-28
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
50 <151> PRIOR FILING DATE: 1999-09-08
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53 <151> PRIOR FILING DATE: 1999-09-13
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
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Does N.. Compl\
orrec... D. ..rerto Ne....

RAW SEQUENCE LISTING   DATE: 02/11/2002
PATENT APPLICATION· US/09/904,485A   TIME: 13:00:47

Input Set : **D:\sequence listing.txt**
Output Set: **N:\CRF3\02112002\I904485A.raw**

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58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
59 <151> PRIOR FILING DATE: 1999-09-15
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
62 <151> PRIOR FILING DATE: 1999-10-05
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
65 <151> PRIOR FILING DATE: 1999-11-29
67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
68 <151> PRIOR FILING DATE: 1999-11-30
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
71 <151> PRIOR FILING DATE: 1999-12-02
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
74 <151> PRIOR FILING DATE: 1999-12-02
76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
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79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
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82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
83 <151> PRIOR FILING DATE: 1999-12-20
84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
85 <151> PRIOR FILING DATE: 2000-01-05
87 <160> NUMBER OF SEQ ID NOS: 423
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ERRORED SEQUENCES

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5295 <212> TYPE: DNA
5296 <213> ORGANISM: Artificial Sequence
5298 <220> FEATURE:
5299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
5300       oligonucleotide probe
5302 <400> SEQUENCE: 173
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/904,485A

DATE: 02/11/2002
TIME: 13:00:50

Input Set : **D:\sequence listing.txt**
Output Set: **N:\CRF3\02112002\I904485A.raw**

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L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:5303 M:254 E: No. of Bases conflict, LENGTH:Input:42 Counted:43 SEQ:173
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206
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